

Wyoming County, West Virginia
Table H.--Engineering Index Properties

Print date: 06/20/2001

(Absence of an entry indicates that the data were not estimated.)

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Table H.--Engineering Index Properties--Continued

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Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
DPF: Dekalb-----	0-5	Extremely stony sandy loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	---	15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	5-28	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	28-33	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GC, GM, SC, SM	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	33-37	Unweathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Pineville-----	0-3	Very stony loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	3-15	55-90	50-85	45-80	30-75	25-35	4-10
	3-43	Channery loam, channery clay loam, very channery loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	---	0-10	55-85	50-80	45-75	30-65	25-40	6-15
	43-65	Very channery loam, very channery clay loam, very channery sandy loam	GC-GM, GM, SC, SC-SM	A-1, A-2, A- 4, A-6	---	5-20	35-75	30-70	25-65	20-60	25-35	4-12
Guyandotte-----	0-12	Very stony sandy loam	CL-ML, GC-GM, ML, SC-SM	A-2, A-4, A-1	---	5-20	30-70	25-65	20-60	15-55	20-30	NP-8
	12-65	Very channery sandy loam, very channery loam, extremely channery sandy loam	CL-ML, GC-GM, ML, SC-SM	A-1, A-2, A-4	---	5-35	25-65	20-60	15-55	10-55	20-30	NP-8

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
FvE: Fiveblock-----	0-6	Very stony sandy loam	GC-GM, GM, SC-SM, SM	A-1, A-2	---	15-30	55-70	50-65	35-50	10-25	15-25	NP-7
	6-65	Extremely channery sandy loam, very stony sandy loam, very channery sandy loam	GC-GM, GM, SC-SM, SM	A-1, A-2	---	5-30	45-65	25-50	15-35	10-20	15-25	NP-7
GpC: Gilpin-----	0-7	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	7-22	Channery loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	22-39	Channery loam, very channery silt loam,	GC, GC-GM	A-1, A-2, A- 4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	39-43	Unweathered bedrock			---	---	---	---	---	---	---	---
Lily-----	0-10	Loam	CL-ML, ML	A-4	---	0-5	90-100	85-100	70-95	55-80	15-35	NP-10
	10-30	Clay loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	---	0-5	90-100	85-100	75-100	40-80	15-35	3-15
	30-34	Sandy clay loam, clay loam, gravelly sandy clay loam	CL, ML, SC, SM	A-1-b, A-2, A-4, A-6	---	0-10	65-100	50-100	40-95	20-75	15-35	3-15
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
GpE: Gilpin-----	0-7	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	7-22	Channery loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	22-39	Channery loam, very channery silt loam,	GC, GC-GM	A-1, A-2, A- 4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	39-43	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Lily-----	0-10	Loam	CL-ML, ML	A-4	---	0-5	90-100	85-100	70-95	55-80	15-35	NP-10
	10-30	Clay loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	---	0-5	90-100	85-100	75-100	40-80	15-35	3-15
	30-34	Sandy clay loam, clay loam, gravelly sandy clay loam	CL, ML, SC, SM	A-1-b, A-2, A-4, A-6	---	0-10	65-100	50-100	40-95	20-75	15-35	3-15
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
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Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Ho:												
Holly-----	0-3	Silt loam	ML	A-4	---	0	90-100	85-100	80-100	70-90	25-35	3-10
	3-28	Silt loam, loam, sandy loam	ML, SM	A-4, A-6	---	0	85-100	75-100	70-95	45-85	20-40	NP-14
	28-65	Silt loam, loam, sandy loam	ML, SM	A-2, A-4	---	0	85-100	75-100	50-95	25-80	20-40	NP-10
Lobdell-----	0-8	Loam	CL, CL-ML, ML	A-4	---	0	95-100	90-100	80-100	65-90	20-30	NP-8
	8-36	Loam, silt loam	ML	A-4	---	0	90-100	80-100	70-95	55-85	20-35	NP-10
	36-65	Stratified sandy loam to silt loam	CL, CL-ML, ML, SM	A-4	---	0	90-100	80-100	65-85	40-80	15-35	NP-10
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
ImE:												
Itmann-----	0-5	Channery loam	CL, ML, SC, SM	A-2, A-4	---	0-10	65-85	60-80	50-75	30-60	20-30	NP-8
	5-65	Very channery sandy loam, very channery loam, extremely channery sandy loam	GC-GM, GM	A-1, A-2	---	0-15	30-55	25-50	20-45	10-35	15-25	NP-7

Table H.--Engineering Index Properties--Continued

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Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
KmF:												
Kaymine-----	0-3		GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	3-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Rock Outcrop,hard---	0-60				---	---	---	---	---	---	---	---
MgB:												
Monongahela-----	0-11	Loam	CL-ML, ML, SC-SM, SM	A-4	---	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	11-27	Silt loam, clay loam, gravelly loam	CL, CL-ML, ML	A-4, A-6	---	0-15	90-100	80-100	75-100	70-90	20-40	5-15
	27-51	Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	---	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	51-65	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	---	10-20	75-100	60-90	60-85	40-85	20-40	1-15
Robertsville-----	---	---	---	---	---	---	---	---	---	---	---	---
PbC:												
Pineville-----	0-3	Channery loam	CL-ML, ML, SC-SM, SM	A-4, A-2	---	0-10	60-80	55-75	50-70	30-65	25-35	4-10
	3-43	Channery loam, channery clay loam, very channery loam	SC-SM, CL, CL-ML, SC	A-2, A-4, A-6	---	0-10	55-85	50-80	45-75	30-65	25-40	6-15
	43-65	Very channery loam, very channery clay loam, very channery sandy loam	GC-GM, GM, SC, SC-SM	A-1, A-2, A- 4, A-6	---	5-20	35-75	30-70	25-65	20-60	25-35	4-12

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Buchanan-----	0-4	Gravelly loam	CL, CL-ML, GM, ML	A-2, A-4	---	0-10	50-100	45-75	40-75	30-65	20-35	2-11
	4-35	Gravelly loam, silt loam, gravelly sandy clay loam	CL, GM, ML, SM	A-2, A-4	---	0-20	50-100	45-90	40-90	20-80	20-35	2-15
	35-65	Gravelly loam, loam, channery clay loam	CL, GM, ML, SM	A-2, A-4, A-6	---	0-20	50-100	30-80	30-75	20-60	20-35	2-15
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
PcE: Pineville-----	0-3		CL-ML, ML, SC-SM, SM	A-2, A-4	---	3-15	55-90	50-85	45-80	30-75	25-35	4-10
	3-43	Channery loam, channery clay loam, very channery loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	---	0-10	55-85	50-80	45-75	30-65	25-40	6-15
	43-65	Very channery loam, very channery clay loam, very channery sandy loam	GC-GM, GM, SC, SC-SM	A-1, A-2, A- 4, A-6	---	5-20	35-75	30-70	25-65	20-60	25-35	4-12
Buchanan-----	0-4	Very stony loam	CL, CL-ML, GM, ML	A-2, A-4	---	3-20	50-90	45-75	40-75	30-65	20-35	2-11
	4-35	Gravelly loam, silt loam, gravelly sandy clay loam	CL, GM, ML, SM	A-2, A-4	---	0-20	50-100	45-90	40-90	20-80	20-35	2-15
	35-65	Gravelly loam, loam, channery clay loam	CL, GM, ML, SM	A-2, A-4, A-6	---	0-20	50-100	30-80	30-75	20-60	20-35	2-15
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
PoB: Potomac-----	0-8	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	0-10	85-100	80-100	50-85	30-60	15-20	NP-5
	8-65	Very cobbly loamy sand, very gravelly loamy sand, very gravelly sand	GM, GW-GM, SM, SW-SM	A-1, A-2	---	15-50	50-80	35-70	20-50	5-25	15-15	NP-3

Table H.--Engineering Index Properties--Continued

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